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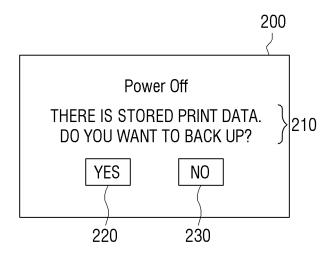
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- (54) Image forming apparatus, image forming method, and computer-readable recording medium
- (57) An image forming apparatus includes a communication interface unit which receives print data, an image forming unit which prints the received print data, a volatile memory which, if the received print data is data that needs to be stored, stores the received print data, and a controller which, if a power-off command regarding the

image forming apparatus is input, backs up print data stored in the volatile memory in a storage medium connectable to the image forming apparatus and converts an operation mode of the image forming apparatus to a power-off mode.

FIG. 2



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EUROPEAN SEARCH REPORT

DOCUMENTS CONSIDERED TO BE RELEVANT

Application Number

EP 13 16 9978

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Category	Citation of document with indication, where appropriate, of relevant passages				elevant claim	CLASSIFICATION OF THE APPLICATION (IPC)
X Y	US 2012/257241 A1 (11 October 2012 (20 * abstract * * paragraph [0023] * paragraph [0047] * claims 1,5,6 * * figures 2,3,5,7 *	12-10-11) - paragraph - paragraph	[0032] *	2-!	6-12 5, -15	INV. G06K15/02 G06K15/00
Y A	US 2006/192988 A1 ([JP]) 31 August 200 * abstract * * paragraph [0004] * paragraph [0011] * paragraph [0021] * paragraph [0027] * paragraph [0051] * figures 1,2,4 *	6 (2006-08-31	L)	2,3	3,13, 12	
Y A	US 2011/099325 A1 (28 April 2011 (2011 * abstract * * paragraph [0005] * paragraph [0027] * paragraph [0048] * paragraph [0053]	04-28)	[0009] *		5,15 6-12	TECHNICAL FIELDS SEARCHED (IPC)
	The present search report has l					
	Place of search The Hague	·	Date of completion of the search 22 December 2016		Jacobs, Peter	
X : parti Y : parti docu A : tech O : non	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone cularly relevant if combined with anotiment of the same category nological background written disclosure rmediate document	her	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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22-12-2016

10	Patent document cited in search report	Publication date	Patent family member(s)	Publication date
15	US 2012257241 A1	11-10-2012	JP 5814587 B2 JP 2012218244 A US 2012257241 A1	17-11-2015 12-11-2012 11-10-2012
20	US 2006192988 A1	31-08-2006	CN 1781084 A JP 4274845 B2 JP 2004326695 A US 2006192988 A1 WO 2004097651 A1	31-05-2006 10-06-2009 18-11-2004 31-08-2006 11-11-2004
	US 2011099325 A1	28-04-2011	US 2011099325 A1	04-05-2011 28-04-2011
25				
30				
35				
40				
45				
50				
55				

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82